

## RESEARCH AND DEVELOPMENT, NEUCHATEL - QUARTERLY REPORT

DIVISION : PROCESS DEVELOPMENT  
SUBJECT TITLE : TOBACCO PROCESS QUALITY (GIOTTO)  
PERIOD COVERED : OCTOBER - DECEMBER 1988  
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KEYWORDS : tobacco, process, quality, giotto, pme

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### OBJECTIVES

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- To provide tobacco quality comparisons between PME affiliates from the process point of pre-conditioning to the cigarette finished product.

The program compares Pan-European and German Marlboro tobacco processes and will show the impact of individual unit processes upon tobacco quality in terms of sieve analysis, filling power, moisture control, and other quality parameters.

These results will be used to evaluate process quality via standard procedures and common sampling points in a standardized reporting format to facilitate comparative analysis.

- To improve overall tobacco processing by optimizing tobacco process quality and reducing degradation and losses, thereby optimizing cigarette quality and maximizing yield.

### STATUS

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- A status report, presentation and review of the extension program for regional primary optimization was given to Headquarters Operations on October 25, 1988.
- The third quarter 1988 report with comparative factory profiles was issued. These results were reviewed in Munich in week 46 with primary representatives from Berlin, BOZ and FTR also attending (6). A format for a 1987 versus 1988 comparison was also presented and a final version accepted. This will be a separate report to be issued in January 1989 and tentatively reviewed in a February meeting, not yet determined as to date and location.

Strip size reporting within the context of GIOTTO was also reviewed and a reporting format agreed upon in the week 46 meeting. These results will be included in draft form in the first quarter 1989 report for further comments and recommendations.

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### PLANS

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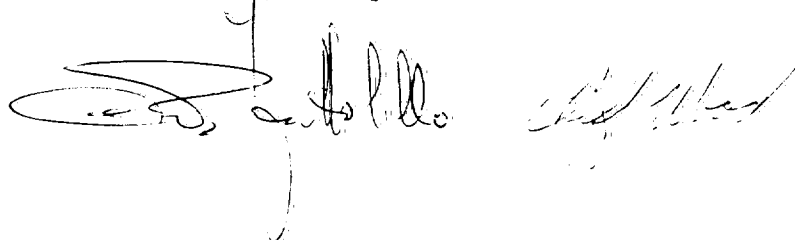
- In conjunction with the R&D Computer Support Group, formulate a timetable for direct computer transmission of data to R&D from each affiliate in January 1989.
- Develop, in conjunction with affiliate locations, a method to analyse statistically the GIOTTO data and identify significant trends or differences within each factory and between locations.
- On a routine basis, evaluate process and cigarette quality results in relation to modifications, to tobacco processing, equipment changes, blend changes, capacity and flow rates, measurement methodology and process specifications.
- Based on consistent tobacco process quality improvements in combination with quality audit results, make recommendations in regard to process improvements, process specifications, and finished product weight and firmness objectives.

### REFERENCES

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#### Tobacco Process Quality Program :

- (1) - 1987 Monthly factory results : Munich, Berlin, BOZ,  
February 10, 1988
- (2) - 1987 Factory profiles : Mun., Ber., BOZ, March 8/9, 1988  
- 1987 Factory comparisons : Mun., Ber., BOZ, March 8/9, 1988
- (3) - GIOTTO Trip Report, March 7-10, 1988
- (4) - Tobacco Process Quality Program Meeting, Berlin, May 10,  
1988, Frattolillo-A. & Wood-C. to distribution
- (5) - Regional Primary Optimization Program, May 27, 1988,  
Darrah-S. to distribution
- (6) - Tobacco Process Quality Program, GIOTTO, Factory and  
Comparative Profiles, 3rd quarter 1988



ANF/CWO/cav/January 10, 1989  
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